



Dart Aerospace Ltd.
1270 Aberdeen St
Hawkesbury, ON
K6A 1K7
Canada

Tel (613) 632-5200
Fax 613 632-5246

647.1610
Job Sheet 212911



Part No: 647.1610

Job Qty: 10 pcs

Part Name: Wiper Deflector Fwd



Part Weight: 0 lbs

Status: New

Priority: Medium

Job Created: 9/9/20

Job Tracking No:

Due Date: 10/20/20

Created By: Jennifer Renwick

Type: SOLD

Description:

Note: DWG REV A SHEET 2 IPP REV:A NEW ISSUE 12/11/01 JFS VERIFY BY: JLM IPP REV:B 13.09.03 now
prime at ATG DD VERF:JLM

Ship Via:

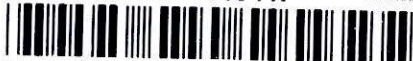
Bill of Materials

Job Routing

Op No	Operation	Qty	Start Date	Due Date	Standard		Workcenter/Supplier		Sign-off
					Setup Hrs	Run Hrs	Workcenter / Supplier	Lead Time	
100	Bandsaw - 1	10 pcs		10/10/20	0.00	0.01	Bandsaw - 1		<i>ml 20/10/06</i>
110	HAAS 4 Axis - B4B	10 pcs		10/13/20	1.00	16.91	HAAS - 1 - B4B		
							HAAS - 2 - B4B		
							HAAS - 3 - B4B		
							HAAS - 4 - B4B		<i>ml 20/10/07</i>
120	QC 2	10 pcs		10/13/20	0.00	0.00	QC 2 - 1		
							QC 2 - 12		
							QC 2 - 14		<i>ml 20/10/07</i>
							QC 2 - 17		
							QC 2 - 19		
							QC 2 - 2		
							QC 2 - 20		
							QC 2 - 22		
							QC 2 - 23		
							QC 2 - 25		
							QC 2 - 32		
							QC 2 - 33		
							QC 2 - 35		
							QC 2 - 39		
							QC 2 - 4		
							QC 2 - 40		
							QC 2 - 44		
							QC 2 - 45		
							QC 2 - 48		
							QC 2 - 49		
							QC 2 - 50		
							QC 2 - 51		
							QC 2 - 52		
							QC 2 - 57		
							QC 2 - 62		



Container No: S305447



Part: 647.1610

Job No: 212911

Serial No/Batch: S305447

Revision: A

Inspector:

Exp Date:

Instructions: Various STC's

Date: 10/07/20

Dart Aerospace Ltd.
1270 Aberdeen Street
Hawkesbury, ON K6A 1K7
CANADA
TEL.: 1 613 632-5200
Email: sales@dartaero.com
www.dartaerospace.com

Plex 9/9/20 9:18 AM Dart.Renwick.Jennifer

					QC 2 - 63	
					QC 2 - 8	
					QC 2 - 66	
					QC 2 - 64	
					QC 2 - 65	
					QC 2 - 5	
					QC 2 - 71	
					QC 2 - 73	
					QC 2 - 69	
					QC 2 - 76	
					QC 2 - 86	
					QC 2 - 83	
130	QC 8	10 pcs	10/13/20	0.00 0.00	QC 8 - 12	
					QC 8 - 14	
					QC 8 - 17	
					QC 8 - 20	
					QC 8 - 25	
					QC 8 - 3	
					QC 8 - 32	
					QC 8 - 33	
					QC 8 - 35	
					QC 8 - 39	
					QC 8 - 4	
					QC 8 - 44	
					QC 8 - 45	
					QC 8 - 49	
					QC 8 - 58	
					QC 8 - 8	De 20-10-08
					QC 8 - 9	
					QC 8 - 68	
					QC 8 - 67	
					QC 8 - 1 (A)	
					QC 8 - 47	
					QC 8 - 40	
					QC 8 - 52	
					QC 8 - 23	
					QC 8 - 57	
					QC 8 - 76	
					QC 8 - 61	
					QC 8 - 66	
					QC 8 - 73	
					QC 8 - 82	
140	Outsource - 4 - Anodize	10 pcs	10/20/20		ATG001-VC	5
						OCT 08 2020
150	Packaging 2-1 - Receive - B4B	10 pcs	10/20/20	0.00 0.00	Packaging 2 - 1 - B4B	
					Packaging 2 - 2 - B4B	
					Packaging 2 - 3 - B4B	
					Packaging 2 - 5 - B4B	OCT 23 2020
					Packaging 2 - 4 - B4B	
					Packaging 2 - 6 - B4B	
					Packaging 2 - 7 - B4B	
					Packaging 2 - 8 - B4B	
					Packaging 2 - 9 - B4B	
					Packaging 2 - 10 - B4B	
					Packaging 2 - 11 - B4B	
					Packaging 2 - 12 - B4B	
					Packaging 2 - 13 -	

				Packaging 3 - 9 - B4B							
				Packaging 3 - 10 - B4B							
				Packaging 3 - 11 - B4B							
				Packaging 3 - 12 - B4B							
				Packaging 3 - 13 - B4B							
				Packaging 3 - 14 - B4B							
				Packaging 3 - 15 - B4B							
				Packaging 3 - 16 - B4B							
				Packaging 3 - 17 - B4B							
				Packaging 3 - 18 - B4B							
				Packaging 3 - 19 - B4B							
				Packaging 3 - 20 - B4B							
				Packaging 3 - 21 - B4B							
				Packaging 3 - 22 - B4B							
				Packaging 3 - 23 - B4B							
				Packaging 3 - 24 - B4B							
				Packaging 3 - 25 - B4B							
				Packaging 3 - 26 - B4B							
				Packaging 3 - 27 - B4B							
				Packaging 3 - 28 - B4B							
				Packaging 3 - 29 - B4B							
				Packaging 3 - 30 - B4B							
				Packaging 3 - 31 - B4B							
				Packaging 3 - 32 - B4B							
				Packaging 3 - 33 - B4B							
				Packaging 3 - 34 - B4B							
				Packaging 3 - 35 - B4B							
				Packaging 3 - 36 - B4B							
				Packaging 3 - 37 - B4B							
				190 QC 21 - SA		10 pcs	10/20/20	0.00	0.00	QC 21 - SA - 21	DAS 21 OCT 28 2020
										QC 21 - SA - 70	8-89
										QC 21 - SA - 9	
										QC 21 - SA - 77	
										QC 21 - SA - 28	
				Part Op 100 - (Bandsaw) Cut Blank at 6.750"							
				Descriptions: 110 - (HAAS CNC Vertical Machine) 1-Machine per folio FB143 DWG REV: AA FOLIO REV: AA 2-							
				deburr and break all sharp edges							
Plex 9/9/20 9:18 AM Dart.Renwick.Jennife											

Plex 9/9/20 9:18 AM Dart.Renwick.Jennife

120 - QC2- Inspect parts off machine FAI/FAIB
 130 - QC8- Inspect parts - second check
 140 - Issue P/O to ATG : _____ 1- Hard Anodize, Color Black and Prime as per Dwg, 647.1600
 150 - Receive & Inspect for Damage & Mat'l Certs
 155 - (QC6- All purchased or subcontracted products)
 180 - Identify as per dwg & Stock Location: _____ ***IDENTIFY AS PER APICAL MPP-120 BY STAMPING P# AND REV***
 190 - QC21- Final Inspection - Work Order Release

Job BOM

Part / Item	Component Name	Quantity	Operation	Container
M7075T6S1.750X2.250	7075-T6 Sheet 1.750" X 2.250"	5.6300 ft (.563 ea)	100-Bandsaw - 1	S305084 X2
				S107087 X2

Job Allocations

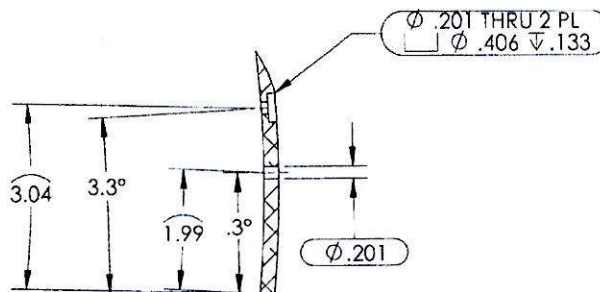
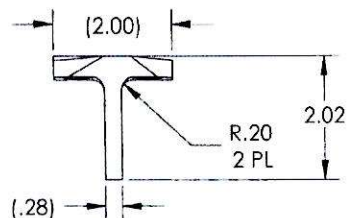
Operation	Component Part	Required	Inventory	Allocated
100-Bandsaw - 1	M7075T6S1.750X2.250	6	23	0

Part Specifications

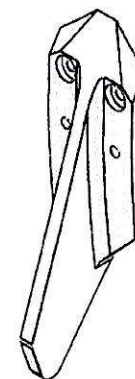
Specifications could not be found.

Plex 9/9/20 9:18 AM Dart.Renwick.Jennifer

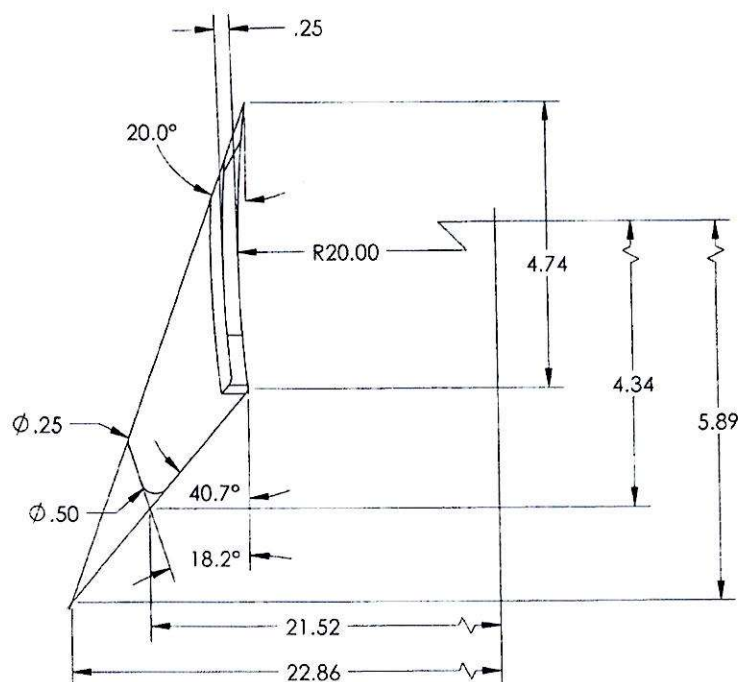
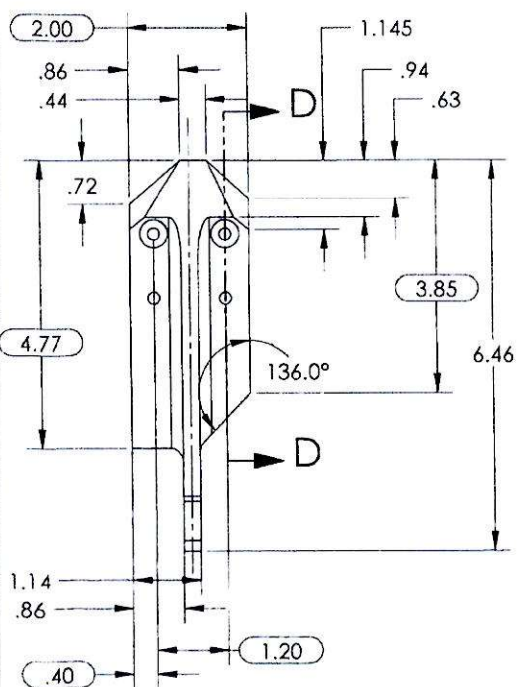
THE INFORMATION CONTAINED IN THIS DRAWING IS THE SOLE PROPERTY OF APICAL INDUSTRIES. ANY REPRODUCTION IN PART OR WHOLE WITHOUT THE WRITTEN PERMISSION OF APICAL INDUSTRIES IS PROHIBITED.



SECTION D-D



647.1610



SHOP COPY
RETURN TO
ENGINEERING
UNCONTROLLED COPY
SUBJECT TO AMENDMENT
WITHOUT NOTICE
WORK ORDER
NO. 212911

ORIGINAL DATE 1/20/00		APICAL INDUSTRIES	
DRAWN BY J. CAMPBELL		2608 TEMPLE HEIGHTS DR.	
CHECKED BY P. BRADY		OCEANSIDE, CA. 92056-3512 (760) 724-5300	
DRAWING APPROVAL P. BRADY		WIPER DEFLECTOR ASSY	
UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES TOLERANCES ARE: FRACTIONS DECIMALS L&D ANGLES & S		SHEET NO. B 071226	REV. A
SCALE: NONE		DWG. NO. 647.1600	SHEET 2 OF 6

Entered: _____ Date: _____



WORK ORDER NON-CONFORMANCE / ROUTE UPDATE

NCR No. _____

Route update only ☐

Job: _____ Part No. _____	DISPOSITION Rework ☐ Scrap ☐ Use-as-is ☐	DEPARTMENT/PROCESS Skid-tube ☐ Machining ☐ Large Fab ☐ Cross tube ☐ Small Fab ☐ Finishing ☐ Eng. (Non-AW) ☐ Prod. Eng. Coord. ☐ Rec/Store/Packaging ☐ Engineering ☐ Water Jet ☐ Supplier ☐ Quality ☐			
Date :	Sequence #:	QTY Affected :		MRB (QSI042)	
Description Work Order Deviation		Disposition		Completed By	
				Lead hand / Supervisor	
Root Cause Operator ☐ Manufacturing Process ☐ Equip/Tooling ☐ Handling/Presservation ☐ Material ☐ Product Improvement ☐ Process Improvement ☐ Human Factors ☐		FAULT CATEGORY ☐ Pressure/Forced ☐ Bending ☐ Crushing ☐ Cracks ☐ Crimp/Kink/Ripple/Wave/Twist ☐ Marks/Chatter ☐ Mislabeled ☐ Contamination ☐ Misaligned/off center ☐ BOM/Route ☐ Broken/Damage/Defect ☐ Incomplete/Unclear Instructions ☐ Drill Holes ☐ Fit/Function ☐ Power Loss/Surge ☐ Folio/Program ☐ Grain Direction ☐ Weld ☐ Wrong Stock Pulled ☐ Out of Sequence ☐ Off-set/Set-up ☐ Positioned Wrong ☐ Outside Tolerance ☐ Drawing ☐ Finish ☐ Part Lost/Missing ☐ Misread			
Other/Details:					



Dart Aerospace Ltd.
1270 Aberdeen St
Hawkesbury, ON
K6A 1K7
Canada

Tel (613) 632-5200

PURCHASE ORDER

POHB047305



Supplier: ATG001-VC
A.T.G. Industries Inc
760 INDUSTRIELLE STREET
ROCKLAND
ON
K4K 1T2 Canada
Phone: 613-446-4544
Fax: 613-446-4556

Attention: Lalande, Marc-Andre

Ship To: 1270 Aberdeen Street
Hawkesbury
ON
K6A 1K7 Canada
Phone: 613-632-5200

PO No: POHB047305

PO Date: 10/8/20

Due Date: 10/14/20

**Purchase Order
Revision:**

Revision Date:

Issued By: Lussier, Patrick
Phone: 613-632-5200 Ext: 276
plussier@dartaero.com

Via: Ground

Pymt Terms: Net 60

Freight Terms:

Special Comments:

Items

Line Item	Job	Part	Drawing	Description	Status	Account	Due Date	Order Quantity	Received Quantity	Balance	Unit Price (CAD)	Extended Price
1	212908	647.2113	647.2100	Lower Rail, U-Channel : Various STC's (Outsource process-Anodize per QSI017 4.1.10.1) Issue P/O to ATG : 1- Black Anodize as per Dwg 647.2100 2- PRIME AS PER DWG, SEE NOTE #2	Firmed - X12		10/14/20	12 pcs	0 pcs	12 pcs	\$13.87/pcs	\$166.44
									OCT 23 2020			
2	212911	647.1610	647.1600	Wiper Deflector Fwd : Various STC's Issue P/O to ATG : 1- Hard Anodize, Color Black and Prime as per Dwg, 647.1600	Firmed - X10		10/14/20	10 pcs	0 pcs	10 pcs	\$12.97/pcs	\$129.70
									OCT 23 2020			

Grand Total: \$296.14



Dart Aerospace Ltd.
1270 Aberdeen St
Hawkesbury, ON
K6A 1K7
Canada

Tel (613) 632-5200

PURCHASE ORDER
POHB047305



Order Notes

Procurement Quality Clauses

A005 right of entry
A012 chemical and physical test report
A016 personnel qualification
A017 raw material identification (as applicable)

A022 Apical Processing
A024 process certifications
A026 certification of material conformance

A041 quality management system
A042 dart notification by supplier
A043 retention of quality documents

A048 counterfeit parts avoidance, detection, mitigation and disposition program

A049 supplier awareness

Terms & Condition of Purchasing(Suppliers) and Procurement Quality Clauses are an integral part of our AS9100 requirements. To learn in detail, please visit www.dartaerospace.com for further explanation.

Please ensure to send the related invoice to hby_ap@dartaero.com.

A handwritten signature in black ink, likely belonging to Patrick Lussier, is written over the bottom right portion of the Order Notes section.

Plex 10/15/20 11:40 AM dart.lussier.patrick



A.T.G. Industries Inc.
760 Industrielle Street
Rockland, ON K4K 1T2
Canada

Ph: (613) 446-4544

Fax: (613) 446-4556

Pack List

Number: 920989

Date: 23-Oct-20

To

Dart Aerospace Ltd
1270 Aberdeen St
Hawkesbury, ON K6A 1K7

Ship To

Patrick Lussier
Dart Aerospace Ltd
1270 Aberdeen St
Hawkesbury, ON K6A 1K7

Ph: 613 632-9577

Fax: 613 632-1053

Ph: 613 632-9577

Fax: 613 632-1053

Terms		Ship Via	
		Supplier Choice	
Quantity	Description		
	Please reference this document's Pack List number on all correspondences regarding this shipment. If you have any questions, please contact us.		
12 ea	Part: 647.2113 Lower Rail, U-Channel Hard Black Anodize as per MIL-A-8625F, Type III, Class2 Prime per MIL-PRF-23377, Type I, Class N (Customer Supplied) Batch/Lot#: 5295580 Job: 28276 PO: POHB047305	Rev: E	Expiry Date: 4/24/22 Line: 1
10 ea	Part: 647.1610 Wiper Deflector Fwd Hard Black Anodize per MIL-A-8625F, Type III, Class2, .0005-.0045" (.5 - 4.5mils) Prime per MIL-PRF-23377, Type I, Class N (Customer Supplied), .0006-.0009" (.6 - .9 mils) per drawing. Batch/Lot#: 5295580 Job: 28277 PO: POHB047305	Rev: A	Expiry Date: 4/24/22 Line: 2 DAS 81 9-89
CERTIFICATE OF CONFORMANCE A.T.G Industries Inc. certifies that all items in this shipment conform to the requirements. Date: OCT 23 2020 Certified Signature: Receiver Signature: _____ A.T.G Industries Inc. is AS9100 Registered and Nadcap Chemical Processing Accredited. Note: This Packing Slip may contain parts that have been PLATED. Items that are Made in Canada.			

RECEIVED
OCT 23 2020
DART AEROSPACE LTD.



A.T.G. Industries Inc.
760 Industrielle Street
Rockland, ON K4K 1T2
Canada

Ph: (613) 446-4544

Fax: (613) 446-4556

Pack List

Number: 920989

Date: 23-Oct-20

To

Dart Aerospace Ltd
1270 Aberdeen St
Hawkesbury, ON K6A 1K7

Ship To

Patrick Lussier
Dart Aerospace Ltd
1270 Aberdeen St
Hawkesbury, ON K6A 1K7

Ph: 613 632-9577

Fax: 613 632-1053

Ph: 613 632-9577

Fax: 613 632-1053

Terms		Ship Via	
		Supplier Choice	
Quantity	Description		
	plated may be subject to natural tarnishing and it is suggested that they be inspected within 24 hours of receipt.		
Made in Canada.			